



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: G. R. Perfetti P. E.
STATE BRIDGE DESIGN ENGINEER

Date: May 1, 2006

SUBJECT: DESIGNING FOR HS25 LIVE LOADS

All bridge girders, box beams and cored slab units shall be designed for an HS 25 truck live load. This applies to all superstructure primary structural members, including cross frames in curved girder structures.

Designing for HS25 will not be required for other superstructure elements, such as bridge decks and bearings.

Please note that this will have no effect on the application of lane loads or military loads, and these loads need not be magnified from currently used values.

The following note shall be placed on the General Drawing:

Assumed Live Load = HS20 or alternate loading, except that the girders [beams] have been designed for HS25.

This policy is effective immediately, wherever practical. The Design Manual and the Standard Notes will be updated at a later date.

GRP/TKK/snj